

INSTRUMENTATION CABLE
Cu, EPR insulated, overall screen, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3, IEC6075, IEC61034

| | | |
|-----------------------|---|---------------------------------------|
| Type | Ft-Cu/EPR/OS/LSZH/SWB/LSZH 0,6/1Kv | 2X 1,5sqmm |
| | FG7OHM1AM1 0,6/1Kv | |
| Conductor : | Flexible tinned copper conductor acc. to IEC60228 cl.5 | size 1,5sqmm (28x0,25) |
| | Diam. | 1,55 mm |
| Insulation : | Cross-linked HEPR extruded compound | - Temperature range -20 + 90°C |
| | Thickness : | 0,7 mm - Temperature laying -5 + 90°C |
| Laying up : | Twisted to pair, color White - Black (or to be agreed) | |
| Overall screen | Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm. | |
| Bedding : | M1, Low Smoke Zero Halogen emission extruded compound | |
| | Thickness : | 1,0 mm |
| Armour : | SWB, Galvanized steel braid wires | |
| | Thickness : | 0,3 mm |
| Outer sheath : | M1, Low Smoke Zero Halogen emission extruded compound | |
| | Color : | Blue (or to be agreed) |
| | Thickness : | 1,6 mm |
| | Overall diameter : | 13,6 mm |
| | Total weight : | 280 Kg/Km |
| Marking : | On the outer sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 13,7 ohm/Km (+ 5% for multipair) | |
| | - Test voltage core to core 4 Kv | |
| | - Flame retardant according to IEC60332-3-24, CEI20-22/3 | |
| | - Low smoke and halogen free as per IEC60754-2, CEI20-37/2 | |
| | - Low smoke density emission IEC61034-1/2 | |
| | - Minimum bending radius 14 V. D. | |
| | - Hydrocarbon resistant | |
| | - Inductance </= 0,90 mH/Km | |
| | - Capacitance </= 0,250 microF/Km | |

Weight and diameter are theoretical + / - 10%